

Amendments to the Claims:

This listing of the claims replaces all prior versions and listing of the claims in the present application.

Listing of Claims:

1. (currently amended) A method of transmitting information along ~~[[a]]~~ an electric fence conductor, comprising the steps of: characterised in that

embedding the information is embedded within and spread in time across a series of short high voltage signal bursts, each of the signal bursts being within a predetermined frequency range; and

applying the signal bursts to an electric fence conductor of a high frequency.

2. (original) The method according to claim 1 wherein the frequency range is between substantially 50 to 190 kHz.

3. (original) The method according to claim 2 wherein the signal bursts have an amplitude in the range of a fraction of one volt up to a maximum of several thousand volts.

4. (currently amended) The method according to claim 3, wherein the duration of individual ones of the signal bursts is in the range of 100 microseconds to 1000 microseconds.

5. (currently amended) The method according to claim 1, wherein each of the signal burst bursts is encoded with one or more digital bits.

6. (currently amended) The method according to claim 1, wherein each of the signal ~~burst~~ bursts contains one or more digital bits that are encoded on the high frequency signal bursts using frequency modulation.

7. (currently amended) A remote control apparatus for an electric fence the apparatus, comprising: including

a housing,

contact means for contacting a conductor on the electric fence, and

generating means for generating information embedded within a series of short signal bursts, each of the signal bursts being of a frequency within a predetermined frequency range.

8-9. (canceled)

10. (currently amended) ~~Apparatus~~ The apparatus as claimed in claim 7, wherein the frequency range is ~~in the range~~ of 50 to 190 kHz.

11. (currently amended) ~~Apparatus~~ The apparatus as claimed in claim 10, further including high voltage isolation means for isolating a high voltage at the an apparatus output, said high voltage isolation means including a capacitor ~~of small value and~~ rated to withstand voltages normal present on an electric fence installation.

12. (currently amended) ~~Apparatus~~ The apparatus as claimed in claim 11, wherein the capacitor forms part of a self-

resonant circuit.

13. (currently amended) ~~Apparatus~~ The apparatus as claimed in claim 12, further including receiving means ~~to receive~~ for receiving a signal from the apparatus, said receiving means being controllably connected with an electric fence ~~energiser~~ energizer to control ~~the~~ an operative state of the electric fence ~~energiser~~ energizer.